

Claims

1. Dispenser assembly for elongated objects such as plant stakes, comprising a store provided with an elongated dispensing opening for said objects, as well as a conveyor, moving past said dispensing opening, for said objects, said conveyor comprising a central part, which central part is bordered on either side by, in each case, a support part located some distance away therefrom and equipped so as, in each case, to support one end of said elongated object, wherein said central part is provided with accommodations that are designed to accommodate said objects and extend essentially parallel to said dispensing opening.

2. Dispenser assembly according to Claim 1, wherein said elongated dispensing opening is made directly adjoining the central part and designed to contain various elongated objects alongside one another.

3. Dispenser assembly according to Claim 1, wherein said central part provided with accommodations comprises a cylinder.

4. Dispenser assembly according to Claim 1, wherein said support parts comprise a disc.

5. Dispenser assembly according to Claim 1, wherein said support part is not provided with accommodations.

6. Dispenser assembly according to Claim 1, wherein the surface of said support part and said part provided with accommodations execute the same transporting movement.

7. Dispenser assembly according to Claim 1, wherein said cylinder and discs are mounted on a common shaft.

8. Apparatus comprising a series of dispenser assemblies each comprising a store provided with an elongated dispensing opening for said objects, as well as a conveyor, moving past said dispensing opening, for said objects, said conveyor comprising a central part, which central part is bordered on either side by, in each case, a support part located some distance away therefrom and equipped so as, in each case, to support one end of said elongated object, wherein said central part is provided with accommodations that are designed to accommodate said objects and extend essentially parallel to said dispensing opening, with a common store, wherein the axes of the accommodations of each of said assemblies are arranged parallel and in line one after the other.

9. Assembly for placing an elongated object such as a stake in an object such as a pot

plant, comprising a placing apparatus for said object, gripper means for said objects and a dispenser assembly comprising a store provided with an elongated dispensing opening for said objects, as well as a conveyor, moving past said dispensing opening, for said objects, said conveyor comprising a central part, which central part is bordered on either side by, in each case, a support part located some distance away therefrom and equipped so as, in each case, to support one end of said elongated object, wherein said central part is provided with accommodations that are designed to accommodate said objects and extend essentially parallel to said dispensing opening, said dispenser assemblies being located opposite one another.

10 10. Assembly according to Claim 9, wherein said gripper means for said object comprise a clamping jaw construction that can be moved in rotating and translational movement.

15 11. Assembly according to Claim 9, comprising two adjacent gripper means for said objects interacting with two dispenser assemblies each comprising a store provided with an elongated dispensing opening for said objects, as well as a conveyor, moving past said dispensing opening, for said objects, said conveyor comprising a central part, which central part is bordered on either side by, in each case, a support part located some distance away therefrom and equipped so as, in each case, to support one end of said elongated object, wherein said central part is provided with accommodations that are designed to
20 accommodate said objects and extend essentially parallel to said dispensing opening, said dispenser assemblies being located opposite one another.

25 12. Method for individual separation of elongated objects, comprising feeding said objects into a store, dispensing through a dispensing opening thereof to a conveyor for said elongated objects, said conveyor being provided with a accommodations and support parts, spaced therefrom for said elongated objects, characterised in that said conveyor transports said elongated objects stepwise in a main direction and after each step performs a movement in the direction opposed to the main direction over a distance that is smaller than said step.